

Linear:
$$V_{00} = V_{00} - I_{0}(R_{0} + R_{s}) = V_{00} - \frac{V_{6} - V_{6}s}{R_{s}}(R_{0} + R_{s})$$

$$T_{0} = \frac{V_{6}}{R_{s}} = \frac{V_{6} - V_{6}s}{R_{s}} = \frac{K_{1}^{1}}{R_{s}}(\frac{w}{L})\left[(V_{61} - V_{7n})V_{0s} - \frac{V_{02}^{2}}{2}\right]$$

$$\frac{v}{V_{6}} = \frac{v_{6} - V_{6}s}{R_{s}} = \frac{K_{1}^{1}}{R_{s}}(\frac{w}{L})\left[\frac{v}{V_{6}s} - \frac{v}{V_{7n}}V_{6s}(I_{1}, S_{n})\right] - \frac{v}{R_{s}}V_{6}}{V_{6}} = \frac{v}{R_{s}}(\frac{v}{R_{s}})\left[\frac{v}{V_{6}s} - \frac{v}{V_{7}}V_{6}}{R_{s}}(R_{0} + R_{s})\right] - \frac{v}{V_{00}} - \frac{v}{R_{s}}(R_{0} + R_{s})$$

$$\frac{v}{R_{s}} = \frac{v}{R_{s}}(\frac{v}{R_{s}})\left[\frac{v}{V_{0}s} - \frac{v}{R_{s}}V_{6}}{\frac{v}{R_{s}}}(I_{1}, S_{n})\right] - \frac{v}{R_{s}}(\frac{v}{R_{s}})\left[\frac{v}{R_{s}} - \frac{v}{R_{s}}V_{6}}{\frac{v}{R_{s}}}(I_{1}, S_{n})\right] - \frac{v}{R_{s}}(R_{0} + R_{s})$$

$$\frac{v}{R_{s}} = \frac{v}{R_{s}}(I_{1}, S_{n})\left[\frac{v}{R_{s}} - \frac{v}{R_{s}}V_{6}}{\frac{v}{R_{s}}}(I_{1}, S_{n})\right] - \frac{v}{R_{s}}(I_{1}, S_{n})$$

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$$\frac{v}{R_{s}} = \frac{v}{R_{s}}(I_{1}, S_{n}) + \frac{v}{R_{s}}(I_{1}, S_{n})$$

$$\frac{v}{R_{s}} = \frac{v}{R_{s}}(I_{1$$